

Bilcare Research – Overview

Headquartered in India, Bilcare is an international, integrated service provider to the global pharmaceutical industry through its key business activities namely: Pharma Packaging Innovations, NonClonable™ Security Technologies and Global Clinical Services. These business activities encompass research, development and manufacturing. Bilcare operates state-of-the-art Manufacturing and Research facilities in India, Singapore, USA & UK and has regional offices in Brazil, Germany, & China. Bilcare partners with the global pharmaceutical sector by providing value solutions to address their key concerns viz. counterfeit, compliance, cost communication and convenience.

The research facilities of the company are located in India, Singapore and USA with its 'Global Center of Excellence' in Pune. These centers are seamlessly integrated to facilitate & support customer's requirements. The R&D Center in India has been accorded recognition by the Department of Scientific and Industrial Research, Ministry of Science and Technology, whereas the manufacturing and research facility in Singapore has been conferred 'Pioneer Enterprise' by the Government of Singapore. Bilcare's research initiatives have successfully resulted in over 135 patent filings and 12 granted patents across the world for novel packaging materials, processes, systems and technologies addressing counterfeit, compliance and other perils of healthcare domain. In its activity of pharma packaging research, Bilcare is amongst the first companies to have filed DMF's with USFDA, for its entire product range of specialty packaging materials. Bilcare's facilities have a host of quality certifications including ISO 9001:2000, 14001:2004, OHSAS 18001 and cGMP certification.

Bilcare is an active member of professional bodies like OPPI, IDMA, IQA (Institute of Quality Assurance, London, now known as Chartered Quality Institute), and HCPC (Healthcare Compliance Packaging Council, USA) and has been recognized for its immense value addition to the pharma sector through its innovations by these and other professional organizations. Based on Bilcare's continued value contributions in combating the Spurious drugs menace, OPPI and IDMA have also jointly nominated Bilcare as their representative to the working group of IMPACT – WHO (International Medical Products Anti-Counterfeiting Taskforce of World Health Organization) engaged in steering the Anti-counterfeit initiative for the global pharmaceutical sector. The international pharmaceutical community has also recognized Bilcare's value contribution more particularly in the development of novel packaging materials and one of the value innovations - Patina™, was conferred with the prestigious Best New Product of the Year award by the European Outsourcing Awards – 2008. Bilcare's novel NonClonable™ Security Technology has also received wide international recognition. ChemTech Foundation India, on 14th February 2009 conferred the prestigious Pharma Bio 2009 "Innovation of the Year" award on this technology.

The Pharma Packaging Innovations business of Bilcare has developed a range of specialty, novel packaging materials comprising of both Foils and Films for the use in blister packaging of pharmaceutical dosage forms. They are unique patented products as they have been exclusively developed for addressing the key concern of Counterfeit and Spurious drugs and require use of highly sophisticated and state of the art manufacturing technologies. making it extremely difficult for any duplicator to reproduce or imitate the same.

Bilcare's two crucial services for the global pharmaceutical sector – Brandpak Building Solution™ (BBS) and BilcareOptima™ provide integrated solutions for pharmaceutical products. BilcareOptima™ is one of Bilcare's patent technology, which provides optimal packaging solution for medicines within 4 weeks, completely eliminating the need of hit and trail methods used for finalization of packaging systems.

The NonClonable™ Security Technologies business focuses on providing commercially viable and implementable unique range of technologies for a wide range of applications, from security to Product Authentication, Track & Trace to e-pedigree, medication compliance to Personalized Healthcare Management System. This award winning technology is a comprehensive response to counterfeiting through its NonClonable™ fingerprint that can cost effectively be embedded in any packaging systems and be modularly integrated with communication platforms. The novelty of the solution is that the NonClonable™ fingerprint is irreproducible by even us as the creators. The Technology can be seamlessly integrated into any supply chain system, providing a totally secure and irrefutable real time identification and authentication of any product. This system also provides a reliable means for effective track-n-trace and e-pedigree of the products across the supply chain – from manufacturer to the consumer. The Technology innovatively exploits the disruptive nature of nano/micro-particulate materials together with their magnetic & optics effects to provide a full-proof technology for accurate identification, authentication of a product.

Bilcare's Global Clinical Supplies business serves the Americas, Europe, and Asia with clinical trial materials support, services and complete project management. Bilcare became the first company in the world to provide manufacturing and packaging capability for clinical supplies in Asia through its facility in India and has multiple locations across USA, UK and Asia. The USA facility has FDA and DEA licenses; UK facility has MCA approval, and the Indian facility has appropriate licenses from Indian regulatory agencies including license for handling Narcotic drugs and Psychotropic substances. Our services for solid, semi-solid, liquid, DEA (C I-V) and biotech clinical trial materials (CTM) satisfy a broad range of requirements; from pre-formulation research and development, analytical services and clinical supplies packaging and labeling, to IVRS, controlled temperature (cold and frozen chain) CTM storage and distribution worldwide.

Bilcare Research Academy is engaged in building competencies of clinical research professionals in collaboration with the world's premier organization in clinical research best practices – ACRP (Association of Clinical Research Professionals, USA).

With a unique blend of materials, pharmaceutical, engineering, and medical scientists working seamlessly with a diverse set of professionals having technology, financial and management expertise, "Team Bilcare" today comprises of multi-cultural : multi-regional professionals across the world; adding value to global pharmaceuticals through its novel innovations, products and services.

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